



Diodes Incorporated



PI5A3157CEX

Part Number:	PI5A3157CEX
Manufacturer/Brand:	Diodes Incorporated
Product description	IC ANLG SW/MUX/DEMUX SPDT SC70-6
Datasheets:	 PI5A3157CEX.pdf
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	904869 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PI5A3157CEX

PART NUMBER	PI5A3157CEX
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC ANLG SW/MUX/DEMUX SPDT SC70-6
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	904869 pcs
DATA SHEET	 PI5A3157CEX.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	1.65 V ~ 5.5 V
VOLTAGE - SUPPLY, DUAL (V±)	-
SWITCH TIME (TON, TOFF) (MAX)	5.2ns, 3.5ns
SWITCH CIRCUIT	SPDT
SUPPLIER DEVICE PACKAGE	SC-70-6
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-TSSOP, SC-88, SOT-363
OTHER NAMES	PI5A3157CEX-ND PI5A3157CEXTR
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	13 Ohm
NUMBER OF CIRCUITS	1
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	2:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	1 Circuit IC Switch 2:1 13 Ohm SC-70-6
CURRENT - LEAKAGE (IS(OFF)) (MAX)	100nA
CROSSTALK	-54dB @ 10MHz
CHARGE INJECTION	7pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	150 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	2.3pF
BASE PART NUMBER	PI5A3157
-3DB BANDWIDTH	250MHz

Related Tags

Diodes Incorporated PI5A3157CEX	PI5A3157CEX Distributor	PI5A3157CEX Supplier
PI5A3157CEX Price	PI5A3157CEX Pictures	PI5A3157CEX Image
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Zetex Semiconductors (Diodes Incorporated) PI5A3157CEX		

Related Products

 PI5A3157BC6EX-1507 Manufacturers: Diodes Incorporated Description: IC SWITCH SPDT SC70-6 In stock: 904707 pcs RFQ	 PI5A3157BC6EX Manufacturers: Diodes Incorporated Description: IC SWITCH CMOS SPDT SC70-6 In stock: 869747 pcs RFQ
 PI5A3166CEX Manufacturers: Diodes Incorporated Description: IC SWITCH SPST 0.8 OHM SC70-5 In stock: 683703 pcs RFQ	 PI5A3158BZAEX Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SPDT 12TDFN In stock: 958667 pcs RFQ
 PI5A23159UEX Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SPDT 10MSOP In stock: 373153 pcs RFQ	 PI5A3157BZUEX Manufacturers: Diodes Incorporated Description: IC SWITCH CMOS SPDT UDFN-6 In stock: 552155 pcs RFQ
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 PI5A3166CEX-1516 Manufacturers: Diodes Incorporated Description: IC SWITCH SPST 0.8 OHM SC70-5 In stock: 698626 pcs RFQ	 PI5A3158ZAEX Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SPDT 12TDFN In stock: 6909 pcs RFQ